

## Immunotag™ ELOVL6 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT1540
Product Description	Immunotag™ ELOVL6 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	ELOVL6
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from ELOVL6, at AA range: 40-120
Specificity	ELOVL6 Polyclonal Antibody detects endogenous levels of ELOVL6 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	ELOVL6
Accession No.	Q9H5J4 Q920L5 Q920L6
Alternate Names	ELOVL6; FACE; LCE; Elongation of very long chain fatty acids protein 6; 3-keto acyl-CoA synthase ELOVL6; ELOVL fatty acid elongase 6; ELOVL FA elongase 6; Fatty acid elongase 2; hELO2; Fatty acyl-CoA elongase; Long-chain fatty-acyl elongase
Description	ELOVL fatty acid elongase 6(ELOVL6) Homo sapiens Fatty acid elongases (EC 6.2.1.3), such as ELOVL6, use malonyl-CoA as a 2-carbon donor in the first and rate-limiting step of fatty acid elongation (Moon et al., 2001 [PubMed 11567032]).[supplied by OMIM, Mar 2008],

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Cell Pathway/ Category	Biosynthesis of unsaturated fatty acids,
Protein Expression	Placenta,
Subcellular Localization	endoplasmic reticulum,endoplasmic reticulum membrane,integral component of membrane,integral component of endoplasmic reticulum membrane,
Protein Function	function:Fatty acid elongase specific to C12-C16 saturated and monoinsaturated fatty acids.,similarity:Belongs to the ELO family.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.